

1939

Field trip Central N.Y.
May 18-30, 1939

May 18. Left Woodlawn ton 7:00 A.M.,
arrived Miljeans Motor Court at 5:30
P.M. after uneventful trip.

May 19 - Section along Oneida Creek.
Opinion of Richardson New Scotland
is that it is abounding *Carynianus*, a reef-
bank bed.

5-6" of Seneca limestone contains
Chonetes? in abundance. The
rock is dolomite and suggests transition
to the Union Springs.

Oliver stated that a bentonite occurs
at the base of the Seneca limestone
at Oneida Creek and in small places
at Union Springs. He showed that
the interval between bentonite and
Cherry Valley is 34' at Union Springs
and Oneida Creek. The thickness
is the same as far east as Cherry
Valley but the Seneca decreases
in thickness as the Union Springs
shale increases in the section, but
keeps maintaining the combined
thickness of 34'. He believes therefore
that the Seneca and Union Springs
are equivalent and coeval. The
unmeasurable thickness of the distance
from Bentonite to Cherry Valley is
imperial.

Afternoon spent most of time
collecting Cherry Valley for Hansen,
visitor from Durham England.

1940

May 20 - Went to Pickensport to see Pickensport, then to Pine Woods for Salabille. Traveled to east of Eaton for Moxfield, then to Black Quarry north of Morrisville. Afternoon went to section of Delphi Station east of Pompey Center on US 20. Late afternoon went to see Pompey on Electric Light & Steam. Butternut exposed above falls with many *Mucrospirifer*, and large *Atrypites*.

May 21. Went to see Butternut on hill 1 1/2 miles S of Madison. Saw Mattoonville with Gavosites below this quarry. Went to Kingsley Brook for Chenango and base of Ludlowville. In afternoon visited Colgate Campus for Chenango Islands to e. Went to Red Gable Stock Farm 2 mi N of Garbarville for upper Chenango, Stone Mill and Lower Ludlowville. Went to Stone Mill Brook for Stone Mill.

May 22 - Went to Cold Spring Brook for Portland Point & Windom. Then down to Upperville for Windom and Tully. Afternoon to Windom Quarry east of Lebanon Center. Went to Georgetown to see Tully & Gavosites in Warren's Glen joined by Sandstone.

May 23.

Went over to Coblin's Falls on Tully D. At base of section was possible up Pompey, followed by sparsely fossiliferous Butternut

1941

Then come about 20 feet of
beds alternating in Limestone
which I think is probably the
Attopea conglomerate of Conrad. This
was followed by Colgate ss then
blue shale with 30+ veins.
Above this are 5-2 feet of shales
alternating in a layer so followed
by 7' of corals. I think all of
this belongs in the Cutefield
Bad rain in afternoon.

May 24 - Bad rainy day. Went
to see Quarry in Wkohopaw
member of Kordia. Went to
Jones Quarry 1 mile east of
Tully. Then to New Woods Rock
for Coral bed. This creek has
been dammed & bed covered.

May 25 - Muller Creek for Tully
all morning. West Brook 5
of Sherburne in afternoon. Then
1½ miles S of Columbus for
eastern Tully. Paul Bartman
found excellent Hypothyridina
in calcareous lenses.

Beds for nearly 100' above
the West Brook fossil bed are
thin sandy shales suggestive
of series at West Brook
rather than Sherburne
as we called them.

May 26 - Spent morning at Stormy
Creek seeing New Quarry & Laramie
afternoon at Houghtaling's Glen
and Glen one mile WE of
Laramie.

1942

May 27 - Limestone ls. exposed on hill at big bend of US 20 about 2 mi. NE of Cherry Valley on old Johnson road up N end of old Cherry Valley Turnpike. About 6' of solid heavy but irregularly bedded crinoidal ls. Best lime at base about 6" thick. This ls is hard and quite unlike the limestone at Omnder Falls. Many silicified Atypa.

Cherry Valley on US 20 just east of Cherry Valley

30 or 40' Fossil shale with Styliolina Clitellomarginata

5' Solid massive ls, pitted, small corals in bottom

6" black shale

6-9" hockley ls with tabular, ^{Pentamerella} _{corals}, fine stipe

Union Spring with concretions containing Werneriana.

Cherry Valley

1943

Section on US 20
East of Cherry Valley 1-2 miles

Cincinnago with Styliolina

6' Cherry Valley

25' Union Springs

6' Seneca
Bentonite 0'6"

Moorhouse

Nedrow
110' Onondaga

Edgetuff

40' Carlisle Center = Buff
rock with Faunus

17'

Shale

Eocene

Clear

2'

Oswego lime

50' Kalkberg

1944

Late morning went to top of hill 1 mile to $1\frac{1}{2}$ miles west of Cooperstown to see McClellan Shufeld locality. Found no stony shales. Bed appears to be high in the limestone.

In afternoon drove Portland Point in Hinman Hollow. Exposure beside the road at bend where road crosses stream.

Went opposite down at Portland Hill. Here new road-work has made fine fresh exposures but collecting is poor. Strom - so called bed in lower limestone well exposed.

May 28. - Moved over to Cofferhill for night. Went to summit to see Vitulina bed and Tully. Vitulina 153' above road intersection with old quarry road or about 2313'.

Went to Mill Brook to see pebble bed. This way 229' above road & old road intersection or at 1309'.

Went to West Conesville and collected Diplophyris.

1945

May 29 - Went 1 mile S of Woodsboro
then to Webber bridge & Stony
Hollow on N.Y. 23A. Went up
gorge west of Palenville to High
Falls and then to Mt. Marion.

May 30 - Kingston to Stony Hollow
to see Stony Hollow in flood.
Then up Stony Hollow to West
Hudson. Stopped at Port Jervis to
collect *Utralia* on top of
hill NW of city. Saw coral bed
on Pa 900 N of Stroudsburg &
fully at junction 196 & 90. Here
a new cut has been made which
will be excellent in a few years.
Whole coast seems to be full.

May 31 - Left Stroudsburg 7:45 and
arrived Washington 2 P.M.

Mileage on automobile 32434
at start 30718
1716